

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

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of

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**Complete if Known**

Application Number	10/623,379
Filing Date	July 18, 2003
First Named Inventor	RUNYON, et. al.
Group Art Unit	4446-3662
Examiner Name	unknown T. BLUM
Attorney Docket Number	8E07.1-060

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
MPS ↓	AA	US-5,151,706	09/29/1992	ROEDERER et al.	
	AB	US- 6,188,373 B1	02/13/2001	MARTEK, Gary Allen	
	AC	US- 6,282,434 B1	08/28/2001	JOHANNISSON et. al.	
	AD	US- 6,292,133 B1	09/18/2001	LYNCH, Michael J.	
	AE	US- 6,337,659 B1	01/08/2002	KIM, Sang-Gi	
	AF	US- 6,351,243 B1	02/26/2002	DERNERDY et. al.	
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
MPS ↓	BA	PCT WO 01 29926 A1	4/26/2001	Tec Telesystems International		
	BB	JP P2001-136016A (English)	5/18/2001	Sumitomo Electric Industries, Ltd.		
	BC	JP P2001-136016A (Japanese)	5/18/2001	Sumitomo Electric Industries, Ltd.		
	BD	JP H9-232865 (English)	9/5/1997	Nippon Telephone and Telegram, Inc.		
	BE	JP H9-232865 (Japanese)	9/5/1997	Nippon Telephone and Telegram, Inc.		

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Signature

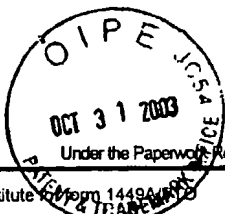
T. BLUM

Date  
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5-19-04

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PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

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Substitute for Form 1449A

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**Complete if Known**

Application Number	10/623,379
Filing Date	July 18, 2001
First Named Inventor	RUNYON et. al.
Group Art Unit	4446 3662
Examiner Name	unknown T. BLUM
Attorney Docket Number	8E07.1-060

**OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
TMB	CA	YAMADA, Y., EBINE, Y., AND KIJIMA, M -- Low Sidelobe Characteristics of a Dual-frequency Base Station Antenna in the Case of Electrical Beam Tilt Use -- 1999 IEEE Antennas and Propagation International pp 1-4	
	CB	KIJIMA, M., EBINE, Y., YAMADA, Y. -- Development of a Dual-Frequency Base Station Antenna for Cellular Mobile Radios -- April, 1999 IEICE Trans. Comm., Vol. E82-B, No. 4, pp 636-644	
	CC	KIRA, F., UENO, K., OHIRA, T., and OGAWA, H., -- New Design Approach to Multiple-Beam Forming Network for Beam Steerable Phased Array Antenna -- July 1999, IEICE Trans Electron, Vol E82-C, No. 7 pp 1195-1201	
	CD	KIRA, F., and HORI, T. -- Beamforming Network Design for Cluster Feeding of Highly Functional Scanning Antenna -- September 2001, IEICE Trans. Commun., Vol. E84-B, No. 9, pp 2438 - 2442	

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